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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.           | CONFIRMATION NO. |
|--|-------------|----------------------|-------------------------------|------------------|
| 10/046,912   | 01/17/2002  | Yong-Jun Lim         | Q67327                        | 3408             |
| 7590 10/19/2005<br>SUGHRUE MION, PLLC<br>2100 Pennsylvania Avenue, NW<br>Washington, DC 20037-3213 |             |                      | EXAMINER<br>SHAW, PELING ANDY |                  |
|  |             |                      | ART UNIT<br>2144              | PAPER NUMBER     |
| DATE MAILED: 10/19/2005  |             |                      |                               |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action  
Before the Filing of an Appeal Brief**

Application No.

10/046,912

Applicant(s)

LIM, YONG-JUN

Examiner

Peling A. Shaw

Art Unit

2144

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 15 September 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.  
b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**NOTICE OF APPEAL**

2. ☐ The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

**AMENDMENTS**

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);  
(b) ☐ They raise the issue of new matter (see NOTE below);  
(c) ☒ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).


4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  
The status of the claim(s) is (or will be) as follows:  
Claim(s) allowed: none.  
Claim(s) objected to: none.  
Claim(s) rejected: 1-7, 9 and 10.  
Claim(s) withdrawn from consideration: none.

**AFFIDAVIT OR OTHER EVIDENCE**

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).  
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

**REQUEST FOR RECONSIDERATION/OTHER**

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
See Continuation Sheet.  
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). \_\_\_\_\_.  
13. ☐ Other: \_\_\_\_\_.

  
**DAVID WILEY**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

The following remarks are added to the response to the remarks on Non-Final Action in the Final Action.

In regarding to remarks related to Nelson:

As memory in computing device, e.g. network device, if a single memory or multiple memories are used is well known up to designer's decision. As Nelson actually uses a "decode" to perform "chip select" functions, multiple memory usage is obvious.

Applicant alleges that Nelson does not teach "selecting either the first memory or the second memory". As pointed above, the "decode" is pointing to "chip select" memories. Further, claims 2 and 9 of Nelson point out the selecting of a first memory. Claims 8 and 11 of Nelson point out the selecting of a second memory. As pointed out above, if a single memory or multiple memories are used is well known up to designer's decision. This is also pointed in Nelson (column 3, line 23-34).

Applicant alleges that Nelson does not disclose that such checking occurs during the erasing and storing steps. A power failure and any disruptive event could happen during the erasing and storing steps. The applicant points out the need to check during the erasing and storing steps. As it is well known that a system design needs to include faulty conditions as Nelson points out. Unless the faulty condition is totally unknown to the industry, it should be treated as well known.

In regarding to remarks related to Mitsui:

Applicant alleges that Mitsui does not mention "a second memory for storing information transferred through the network", Mitsui's abstract cites in "SOLUTION:" "In the case of download, an updating program is stored in a second flash PROM1 ...".

In regarding to remarks related to Matsui:

Matsui described a software delivery form server to a client, copy the old software in an original space. This indicates a first and second memory for software delivery operation, i.e. update and recovery.

In regarding to remarks related to Takeo:

Takeo cites in "SOLUTION" "A central processing part downloads an operation program 7 from a high order control stations so as to store it in a operation memory 5 ..." and "... and transfers the operation program 8 which is preserved in a back up memory 6 to operation memory 5 of the central processing part 1 as against a storage part 2 when abnormality is detected ..." This indicates a software downloaded and stored in a memory other than just one memory. This download is not local.